

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 to 11(Canceled):

12. (Currently Amended): A method of reducing an etch rate of a layer of liner oxide for a gate electrode, comprising the steps of:

providing a substrate, a gate electrode formed over said substrate, a liner oxide ~~oxides~~ ~~with exposed surfaces~~ formed over said substrate and on sidewalls of said gate electrode, and a gate spacer ~~spacers~~ formed on a portion of said liner oxide so that said liner oxide has an exposed surface not covered by said gate spacer; ~~oxides;~~

nitridizing said exposed surface ~~surfaes~~ of said liner oxide ~~oxides~~ so as to form a layer of silicon oxy-nitride overlying said exposed surface of said liner oxide, said nitridizing step comprising an N₂/H₂ plasma exposure;

removing a portion of said liner oxide ~~oxides~~ not covered by said gate spacers and not covered by said layer of silicon oxy-nitride; and

saliciding contact points to said gate electrode.

13. (Currently Amended): The method of claim 12, ~~said wherein said nitridizing step comprising a N₂/H₂ plasma exposure is applied~~ applying nitridation to said a first and second surface ~~surfaces of said layer of liner oxide comprising a N₂/H₂ and H₂ plasma exposure.~~

14. (Cancelled)

15. (Currently Amended): The method of claim 12, ~~said wherein a layer of gate oxide is~~
~~formed over said substrate, said gate oxide being~~ created to a thickness between about 50 and
150 Angstrom.

16. (Currently Amended): The method of claim 12, ~~said wherein said electrode layer of gate~~
~~material comprising~~ comprises polysilicon.

17. (Currently Amended): The method of claim ~~16~~ 12, ~~said wherein said electrode gate~~
~~material being~~ is deposited to a thickness between about 3,000 and 7,000 Angstrom.

18. (Canceled)

19. (Canceled)

20. (Currently Amended): The method of claim 12, ~~said wherein said layer of liner oxide~~
~~being created to~~ has a thickness between about 100 and 500 Angstrom.

21. (Currently Amended): The method of claim 12, ~~said wherein said saliciding contact~~
~~points to said~~ with said gate electrode being is a cobalt base process of salicidation.

22. (Currently Amended): A method of reducing an etch rate of a layer of liner oxide for a
gate electrode, comprising the steps of:

providing a substrate, a gate electrode formed over said substrate, a liner oxide oxides
~~with exposed surfaces~~ formed over said substrate and on sidewalls of said gate electrode, and a
gate spacer spacers formed on ~~said~~ a portion of said liner oxide oxides so that said liner oxide has
an exposed surface not covered by said gate spacer;

nitridizing said exposed ~~surfaces~~ surfaces of said liner ~~oxide~~ oxides so as to form a layer of silicon oxy-nitride overlying said exposed surface of said liner ~~oxide~~ oxides, said nitridizing step comprising an N₂/H₂ plasma exposure;

removing a portion of said liner ~~oxide~~ oxides not covered by said gate spacers and not covered by said layer of silicon oxy-nitride to leave a portion of said liner oxide beneath said gate spacers substantially without forming undercuts under said gate spacers; and

saliciding contact points to said gate electrode.

23. (Currently Amended): The method of claim 22, ~~said wherein a layer of gate oxide being is formed over said substrate, said gate oxide having created to~~ a thickness between about 50 and 150 Angstrom.

24. (Currently Amended): The method of claim 22, ~~said wherein said gate electrode layer of gate material comprising comprises~~ polysilicon.

25. (Currently Amended): The method of claim ~~24~~ 22, ~~said wherein said gate electrode material being is deposited to~~ a thickness between about 3,000 and 7,000 Angstrom.

26. (Canceled)

27. (Canceled)

28. (Currently Amended): The method of claim 22, wherein ~~said layer of liner oxide being created to~~ has a thickness between about 100 and 500 Angstrom.

29. (Currently Amended): The method of claim 22, ~~said wherein said saliciding contact points to said~~ with said gate electrode being is a cobalt base process of salicidation.

30. (Currently Amended): The method of claim 22, wherein said nitridizing step comprising a N₂/H₂ plasma exposure is applied to said a first and second surface surfaces of said layer of liner oxide, comprising a N₂ and H₂ plasma exposure.

31. (Currently Amended): A method of reducing an etch rate of a layer of liner oxide for a gate electrode, comprising the steps of:

providing a substrate, a gate electrode formed over said substrate, a liner oxideoxides ~~with exposed surfaces~~ formed over said substrate and on sidewalls of said gate electrode, and a gate spacerspacers formed on ~~said~~ a portion of said liner oxideoxides so that said liner oxide has an exposed surface not covered by said gate spacer;

nitridizing said exposed ~~surfacesurfaes~~ of said liner oxide so as to form a layer of silicon oxy-nitride overlying an exposed surface of said gate electrode, said nitridizing step comprising an N₂/H₂ plasma exposure;

removing a portion of said liner oxideoxides not covered by said gate spacers and not covered by said layer of silicon oxy-nitride substantially without forming divots inon said liner oxide beneath said gate spaceroxides; and

saliciding contact points to said gate electrode.

32. (Currently Amended): The method of claim 31, wherein said nitridizing step comprising a N₂/H₂ plasma exposure is applied ~~said applying nitridation to said a~~ first and second ~~surfacesurfaes~~ of said layer of liner oxide, ~~comprising a N₂ and H₂ plasma exposure.~~

33. (Currently Amended): The method of claim 31, wherein said a layer of gate oxide is formed over said substrate, said gate oxide-being-created-to- has a thickness between about 50 and 150 Angstrom.

34. (Currently Amended): The method of claim 31, wherein said ~~layer of gate electrode material comprising~~ comprises polysilicon.
35. (Currently Amended): The method of claim ~~34~~ 31, wherein said gate electrode ~~material~~ being is deposited to a thickness between about 3,000 and 7,000 Angstrom.
36. (Canceled)
37. (Canceled)
38. (Currently Amended): The method of claim 31, wherein said ~~layer of~~ liner oxide being ~~created to~~ has a thickness between about 100 and 500 Angstrom.
39. (Currently Amended): The method of claim 31, ~~said~~ wherein said saliciding contact ~~points~~ to said with said gate electrode being is a cobalt base process of salicidation.
40. (Canceled)